

What is claimed is:

1. An antisense compound 8 to 30 nucleobases in length targeted to the 5'-untranslated region, translational termination region or 3' untranslated region of a nucleic acid molecule encoding focal adhesion kinase, wherein said antisense compound inhibits the expression of said focal adhesion kinase.
2. The antisense compound of claim 1 which is an antisense oligonucleotide.
3. The antisense compound of claim 2 wherein the antisense oligonucleotide has a sequence comprising SEQ ID NO: 3, 4, 6, 7, 8, 9, 16, 17, 18, 20 or 23.
4. The antisense compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified internucleoside linkage.
5. The antisense compound of claim 4 wherein the modified internucleoside linkage is a phosphorothioate linkage.
6. The antisense compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified sugar moiety.
7. The antisense compound of claim 6 wherein the modified sugar moiety is a 2'-O-methoxyethyl moiety.
8. The antisense compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified nucleobase.
9. The antisense compound of claim 8 wherein the modified nucleobase is a 5-methyl cytosine.

10. The antisense compound of claim 2 wherein the antisense oligonucleotide is a chimeric oligonucleotide.

11. A pharmaceutical composition comprising the antisense compound of claim 1 and a pharmaceutically acceptable carrier
5 or diluent.

12. The pharmaceutical composition of claim 11 further comprising a colloidal dispersion system.

13. The pharmaceutical composition of claim 11 wherein the antisense compound is an antisense oligonucleotide.

10 14. The pharmaceutical composition of claim 11 further comprising a chemotherapeutic agent.

15. The pharmaceutical composition of claim 14 wherein the chemotherapeutic agent is 5-fluorouracil.

16. A method of inhibiting the growth of a tumor in an
15 animal comprising administering to said animal an effective amount of the pharmaceutical composition of claim 14.

17. A method of inhibiting the expression of focal adhesion kinase in cells or tissues comprising contacting said cells or tissue with the antisense compound of claim 1 so that
20 expression of focal adhesion kinase is inhibited.

18. An antisense compound up to 30 nucleobases in length targeted to the coding region, or start site of a nucleic acid molecule encoding focal adhesion kinase, wherein said antisense compound inhibits the expression of said focal
25 adhesion kinase and has a sequence comprising at least an 8 nucleobasic portion of SEQ ID NO: 10, 11, 12, 14, 15, 30, 31 or 33.

19. The antisense compound of claim 18 which is an antisense oligonucleotide.

20. The antisense compound of claim 19 wherein the antisense
5 oligonucleotide comprises at least one modified internucleoside linkage.

21. The antisense compound of claim 20 wherein the modified internucleoside linkage is a phosphorothioate linkage.

22. The antisense compound of claim 19 wherein the antisense
10 oligonucleotide comprises at least one modified sugar moiety.

23. The antisense compound of claim 22 wherein the modified sugar moiety is a 2'-O-methoxyethyl moiety.

24. The antisense compound of claim 19 wherein the antisense oligonucleotide comprises at least one modified nucleobase.

15 25. The antisense compound of claim 24 wherein the modified nucleobase is a 5-methyl cytosine.

26. The antisense compound of claim 19 wherein the antisense oligonucleotide is a chimeric oligonucleotide.

27. A pharmaceutical composition comprising the antisense
20 compound of claim 18 and a pharmaceutically acceptable carrier or diluent.

28. The pharmaceutical composition of claim 27 further comprising a colloidal dispersion system.

29. The pharmaceutical composition of claim 27 wherein the
25 antisense compound is an antisense oligonucleotide.

30. The pharmaceutical composition of claim 27 further comprising a chemotherapeutic agent.

31. The pharmaceutical composition of claim 30 wherein the chemotherapeutic agent is 5-fluorouracil.

5 32. A method of inhibiting the growth of a tumor in an animal comprising administering to said animal an effective amount of the pharmaceutical composition of claim 30.

33. A method of inhibiting the expression of focal adhesion kinase in cells or tissues comprising contacting said cells
10 or tissue with the antisense compound of claim 18 so that expression of focal adhesion kinase is inhibited.

34. A method of treating an animal having a disease or condition associated with focal adhesion kinase comprising administering to said animal a therapeutically or
15 prophylactically effective amount of an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid molecule encoding human focal adhesion kinase wherein said antisense compound inhibits the expression of human focal adhesion kinase.

20 35. The method of claim 34 wherein the disease or condition is cancer.

36. The method of claim 35 wherein said cancer is of the breast, colon, mouth or skin.

37. The method of claim 34 wherein said disease or condition
25 is an angiogenic disorder.

38. The method of claim 37 wherein said angiogenic disorder is retinal neovascularization.

39. A method of preventing migration of cells associated with expression of focal adhesion kinase comprising administering to said cells a therapeutically or prophylactically effective amount of an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid molecule encoding human focal adhesion kinase wherein said antisense compound inhibits the expression of human focal adhesion kinase.

40. A method of preventing neovascularization associated with expression of focal adhesion kinase in an animal comprising administering to said animal a therapeutically or prophylactically effective amount of an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid molecule encoding human focal adhesion kinase wherein said antisense compound inhibits the expression of human focal adhesion kinase.

41. A method of treating an animal having a disease or condition associated with focal adhesion kinase comprising administering to said animal a therapeutically or prophylactically effective amount of an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid molecule encoding human focal adhesion kinase in combination with a therapeutically or prophylactically effective amount of a chemotherapeutic agent.

42. The method of claim 41 wherein the chemotherapeutic agent is 5-fluorouracil.

43. The method of claim 41 wherein the disease or condition is cancer.

44. The method of claim 43 wherein said cancer is melanoma.